

## BY THE NUMBERS STUDY GUIDE

<u>THE DISTANCE YOU MUST...</u>	<u>Distance (Ft.)</u>	<u>NDM 2014 Page or H=Handbook</u>
Consider stopping distance for a train @ 55mph	5280' (=1 mi.)	46
Have to pass safely on a 2-lane road @ 55 mph	1600'	H
Look ahead at highway speed (about 15 sec.)	1320' (=1/4 mi.)	H
Look ahead at city speed (about 15 sec.)	528' (= 1 block)	H
See clearly always, and be visible to others (especially parked) on the highway	500'	78
Dim headlights at night approaching a vehicle up front	500'	51
Stay behind an emergency vehicle using lights and siren	500'	H
Stay behind a working plow on a 35 mph+ road- way with warning lights flashing	200'	42, 54
Consider a blind spot (No Zone) behind a semi	up to 200'	43
Show turn signal before turning or changing lanes	100' (3 sec)	H
Stay away from an emergency vehicle backing into a station with warning lights flashing	30'	41
Park from a railroad crossing	25'	80
Stop from a school bus with red flashing lights	20'	40
Consider a blind spot (No Zone) in front of a semi	20'	43
Park from a fire station	15'	80
Park from marked crosswalk	15'	80
Leave clear when pulled off a rural highway	15'	H
Park from a fire hydrant	10'	80
Stop from blind pedestrian crossing or wanting to cross	10'	47
Park from a driveway, alley or private road	4'	80
Leave clear for bicyclist	3' (= ½ a lane)	48
Park from another vehicle	2'	80, 83
Park from the curb	up to 1' (= 12 in.)	80, 83
Sit back from an airbag, to be safe	<b>10 inches</b>	--
		(Over)
Keep loads within: front of vehicle	3'	--

Keep loads within: left side of vehicle	0	--
Keep loads within: right side of vehicle	½' (=6")	--
Mark loads to the rear: red flag (daytime) or light (nighttime)	4' (or more)	--

UNLESS OTHERWISE POSTED ON SIGNS, THE SPEED LIMIT (MAXIMUM SPEED)...

In a bus loading zone, an alley, or a school zone with crossing guard/child present	15 mph	18
In a city on a business or residential (with homes) street	25 mph	18
In outlying areas (around the edges) of cities or villages	35 mph	18
On county or state highways	55 mph	18
On rural interstate highways or certain freeways/expressways*	65/70 mph	18

\*65/70 mph is never automatic; it must be on signs.

THE BLOOD ALCOHOL CONCENTRATION/CONTENT (BAC) THAT...

Is legal for a person under 21 years of age while driving	.00%	33
Constitutes legal intoxication in every state*	.08%	30

\*But even one drink can impair your driving.

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Two strategies for learning this information:

1. Make a set of flash cards. Put the information from Column 1 on one side of each card, and the information from Column 2 on the other. Practice with the cards OUT LOUD. When the numbers start to stick, put the cards you get right on one pile, and the cards you miss on another. Keep practicing the ones you miss.
2. Out loud, say the information in Columns 1 and 2, in order...several times. Ask a partner to read you the items in Column 1, in order, and have you say the numbers...several times. Take the sheet back; do the same thing, but skip around...several times. Ask your partner to practice with you again, skipping around.

Stay behind an emergency vehicle using lights/siren	500	x	
See well to avoid turning on headlights	500	x	
Consider lighted by headlights	400	x	
Have to stop from 50 mph (total stopping distance)	400	x	
Have to stop from 30 mph (total stopping distance)	200	x	
Mark loads to the rear with a red flag (daytime) or light (nighttime)	4 (or more)		--
Keep loads within (front side of vehicle)	3	--	
Keep loads within (right side of vehicle)	½ (=6 in.)	--	
Keep loads within (left side of vehicle)	0	--	